CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004

DateRun: 02/01/2004

Experimenters: Jason Marshall

ClientType: Chemical Company

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Resins/Rosins

Cleaning Methods: Immersion/Soak

Analytical Methods:

Purpose: To identify alternatives to ammonia for cleaning polymer

Experimental Procedure: Using the laboratory's database for solvent cleaning substitution, the lab generated the following lists of products. The products have been evaluated at SSL under similar conditions to the client's criteria.

Results: One product has been used successfully on a styrene based coating (Coating - Styrene Butidiene) Finger Lakes Chemicals Resineater

Several other have been used on other resins. (Resin - Ashland Specialty Chemical Co, Acrylic Resin, Aroset 1872 Z 40 (108-88-3, 141-78-6, 142-82-5, 67-63-0); Resin - Formaldehyde Based Resin; Resin - Solutia Inc. Gelva Multipolymer Resin Solution 2895 (50862-46-9, 141-78-6, 142-82-5, 67-63-0, 64-17-5, 108-05-4)

CompanyName	ProductName	Total Trials
Bio Chem Systems	Bio T 300 B	2
Bio Chem Systems	Bio T Max	2
Bio Chem Systems	Solsafe 245	3
Chrisal USA Inc	Super CMF 240	1
Du Pont	DBE	1
Ecolink	Safe Strip	1
Finger Lakes Chemicals	Resineater	1
Gemtek Products	SC 1000	1
ISP Technologies	Ship Shape Resin Cleaner	1
Magnaflux	Daraclean 232	1
Oakite Products	Inproclean 3800	1
Solvent Kleene Inc	D Greeze 500 LO	1
Tarksol Inc	Tarksol HTF-50	1

Summary:

Substrates:	Stainless Steel				
Contaminants:	Resins/Rosins				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Supplied alternatives list		0.00	☐	

Conclusion: Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, or you are interested in conducting cleaning trials, please contact the lab at (978)934-3133.